

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060520\
 Data File : BG045614.D
 Acq On : 5 Jun 2020 13:16
 Operator : CG/JU
 Sample : L2773-28RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NM-EB-05RE

Quant Time: Jun 05 13:51:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

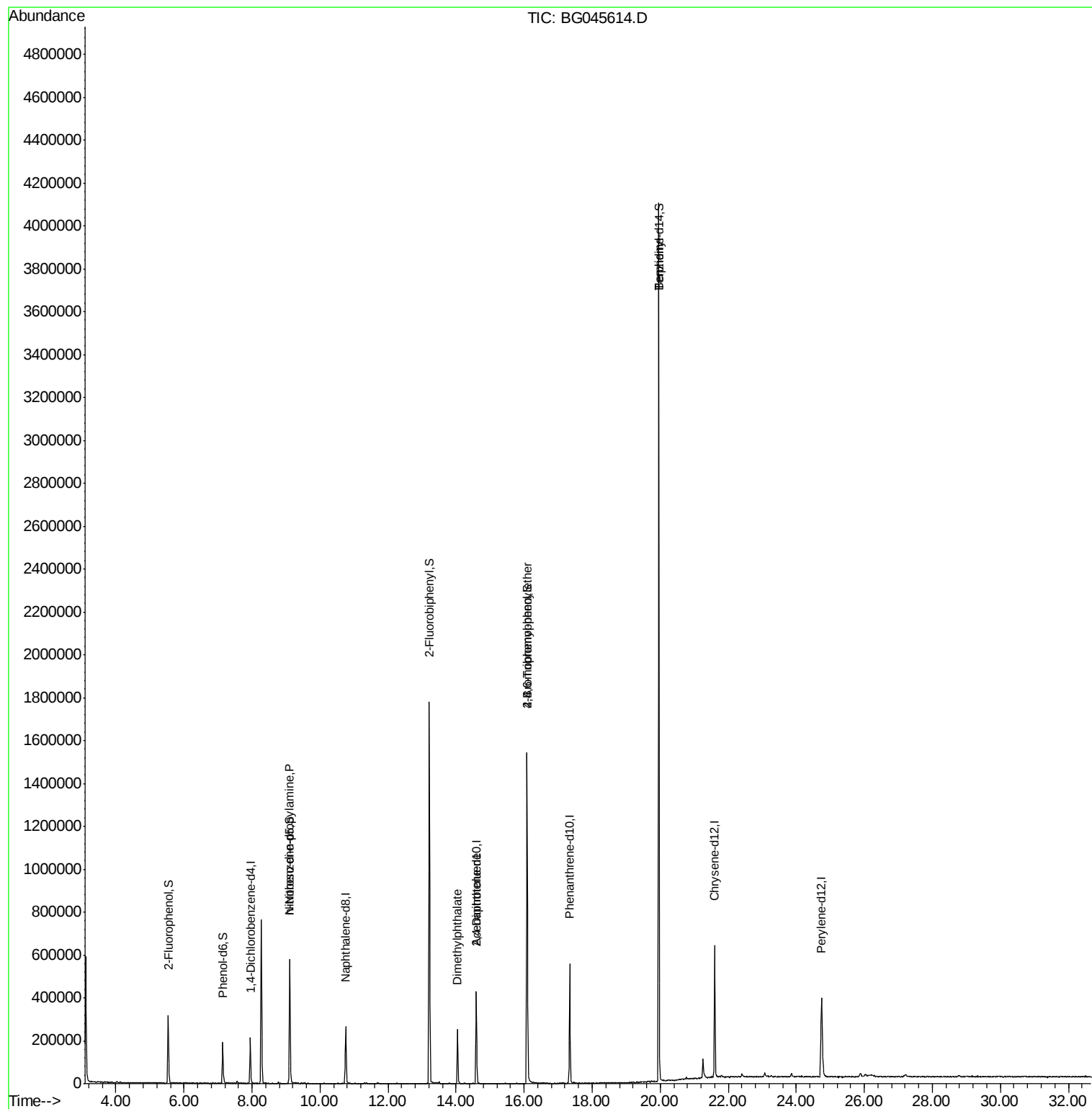
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	62697	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	237539	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	163099	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	391943	20.00	ng	0.00
76) Chrysene-d12	21.60	240	417867	20.00	ng	0.00
87) Perylene-d12	24.75	264	443614	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	163185	50.87	ng	0.00
7) Phenol-d6	7.14	99	132465	29.01	ng	0.00
23) Nitrobenzene-d5	9.11	82	408549	93.79	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	327642	157.08	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	964916	100.35	ng	0.00
79) Terphenyl-d14	19.96	244	1958759	109.33	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.11	70	55599	17.608	ng	Qvalue # 79
50) Dimethylphthalate	14.04	163	178068	15.915	ng	99
57) 2,4-Dinitrotoluene	14.60	165	21562	5.897	ng	# 23
67) 4-Bromophenyl-phenylether	16.09	248	22781	5.368	ng	# 1
77) Benzidine	19.96	184	39090	3.331	ng	# 90

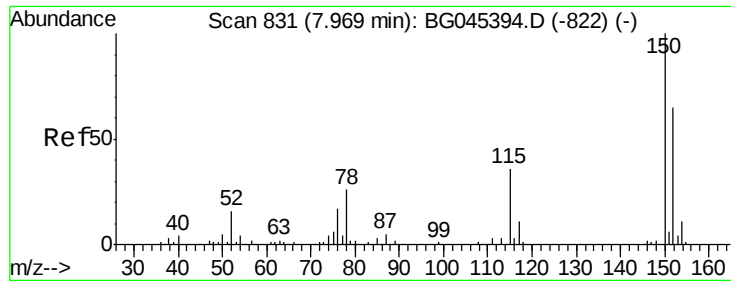
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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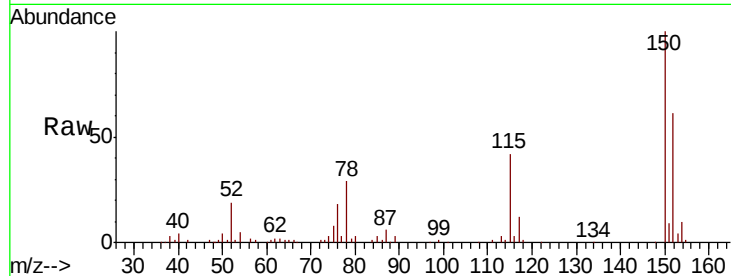


#1

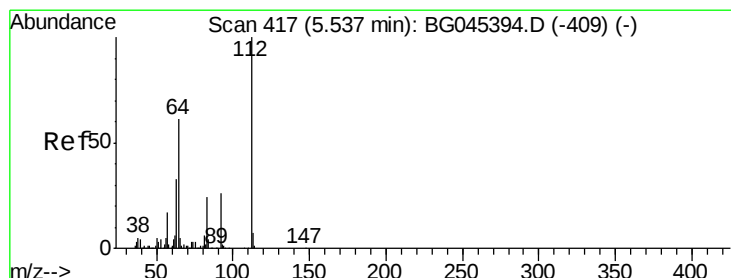
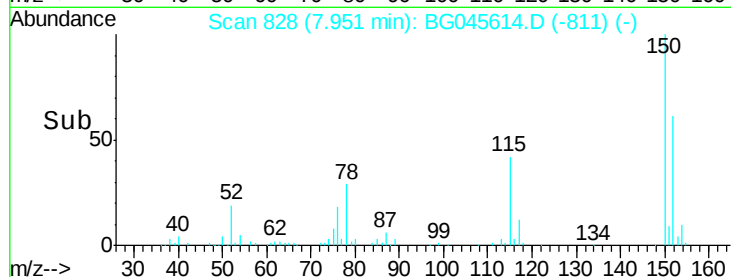
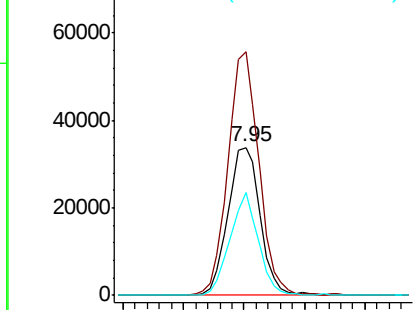
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG045614.D
Acq: 5 Jun 2020 13:16

Instrument :
BNA_G
ClientSampleId :
NM-EB-05RE

Tot Ion:152 Resp: 62697
Ion Ratio Lower Upper
152 100
150 164.8 122.4 183.6
115 69.5 44.2 66.4#



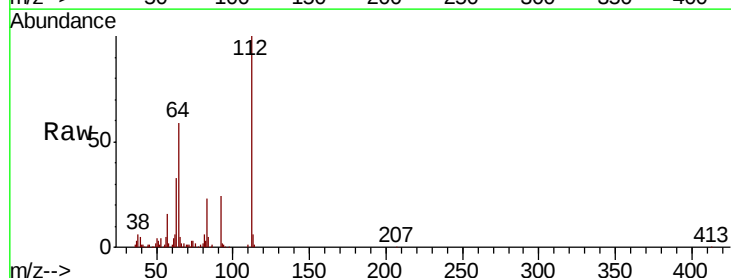
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



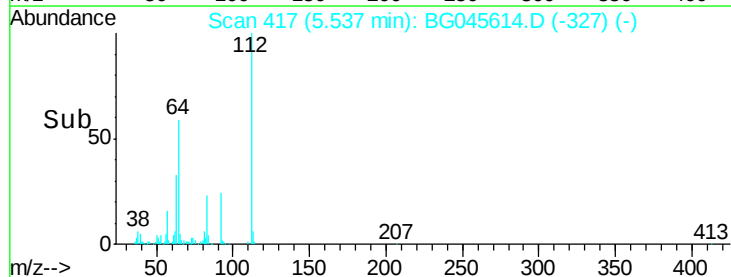
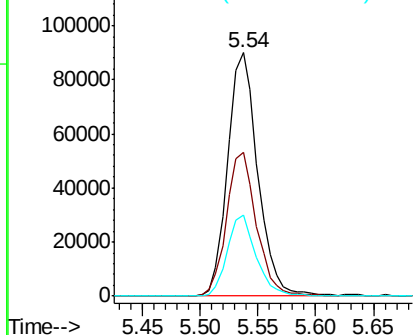
#5

2-Fluorophenol
Concen: 50.866 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG045614.D
Acq: 5 Jun 2020 13:16

Tgt Ion:112 Resp: 163185
Ion Ratio Lower Upper
112 100
64 59.2 48.6 72.8
63 33.4 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 29.010 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG045614.D

Acq: 5 Jun 2020 13:16

Instrument :

BNA_G

ClientSampleId :

NM-EB-05RE

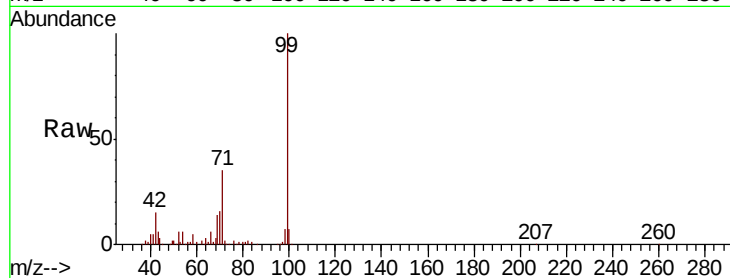
Tot Ion: 99 Resp: 132465

Ion Ratio Lower Upper

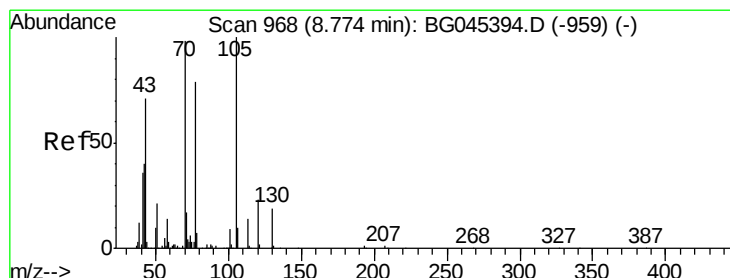
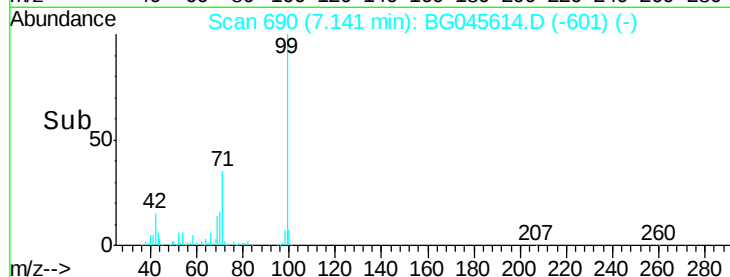
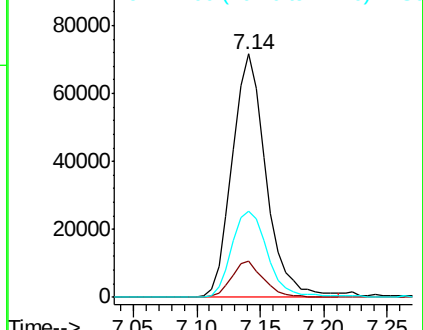
99 100

42 14.7 11.3 16.9

71 35.4 30.8 46.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 17.608 ng

RT: 9.11 min Scan# 1025

Delta R.T. 0.35 min

Lab File: BG045614.D

Acq: 5 Jun 2020 13:16

Tgt Ion: 70 Resp: 55599

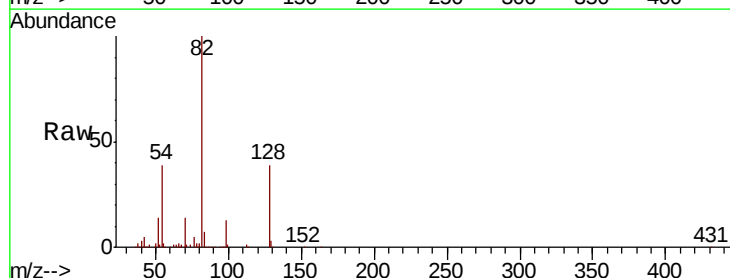
Ion Ratio Lower Upper

70 100

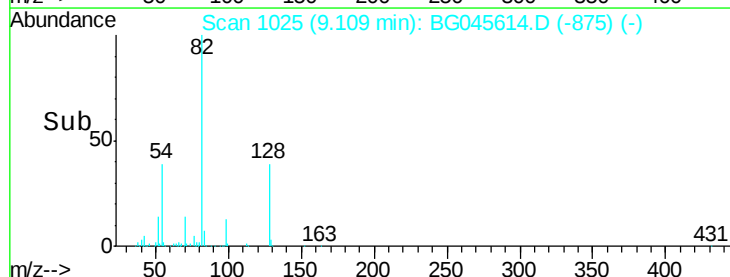
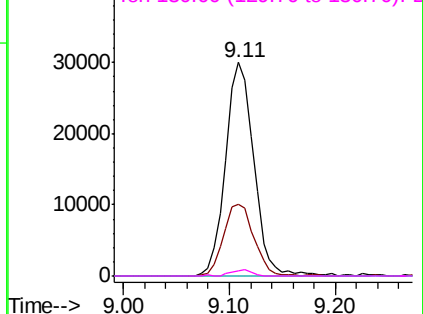
42 33.6 33.2 49.8

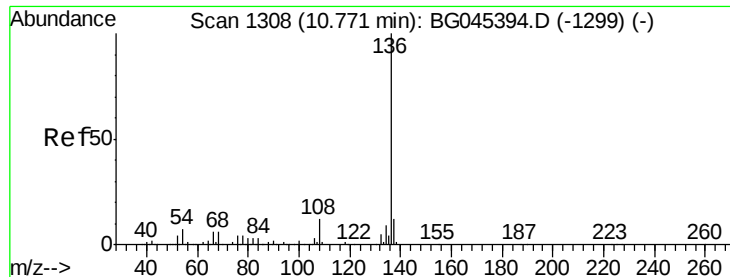
101 0.0 7.8 11.6#

130 2.4 15.4 23.2#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

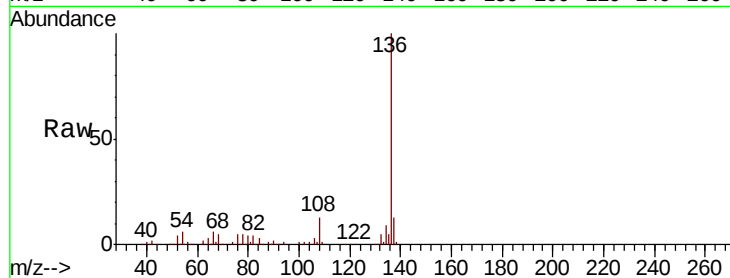




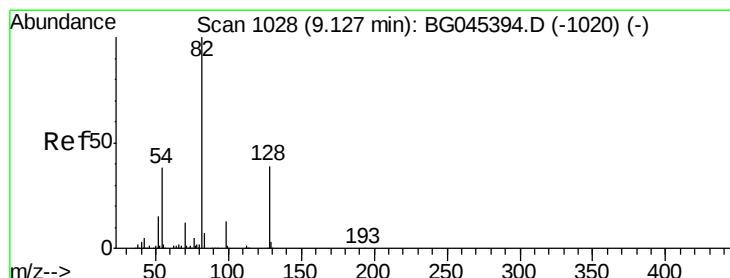
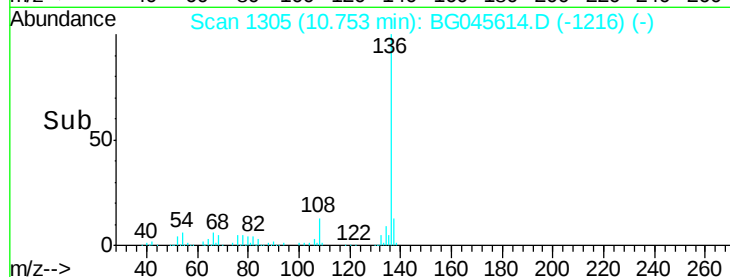
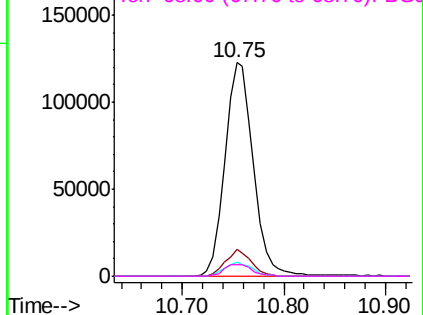
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG045614.D
Acq: 5 Jun 2020 13:16

Instrument :
BNA_G
ClientSampleId :
NM-EB-05RE

Tot Ion:136	Resp:	237539	
Ion Ratio	Lower	Upper	
136 100			
137 12.6	9.4	14.2	
54 6.4	5.8	8.6	
68 5.4	4.5	6.7	

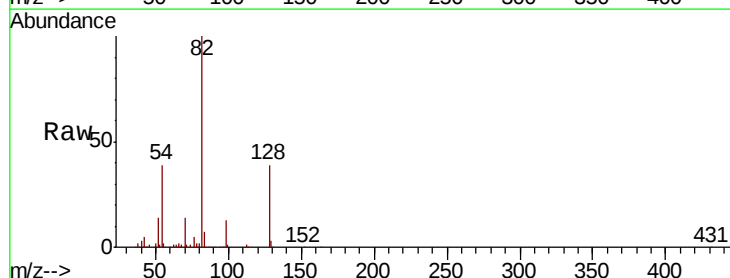


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

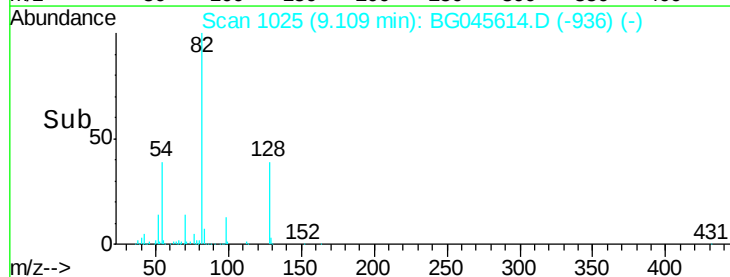
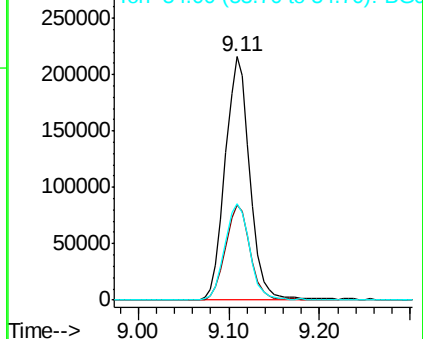


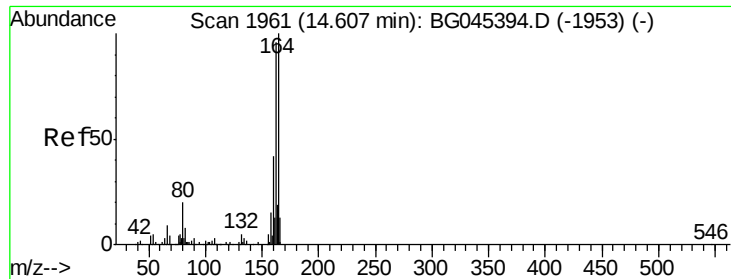
#23
Nitrobenzene-d5
Concen: 93.790 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG045614.D
Acq: 5 Jun 2020 13:16

Tgt Ion: 82	Resp: 408549
Ion Ratio	Lower Upper
82 100	
128 39.1	30.9 46.3
54 39.4	30.3 45.5



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BG045614.D

Acq: 5 Jun 2020 13:16

Instrument :

BNA_G

ClientSampleId :

NM-EB-05RE

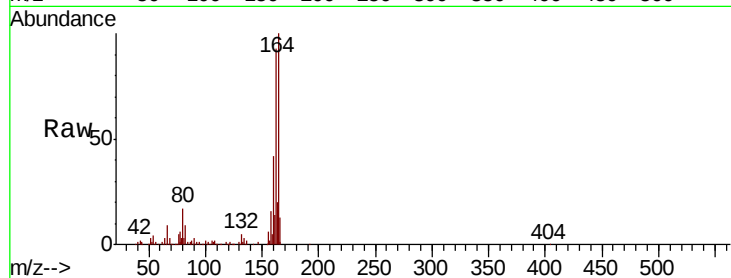
Tot Ion:164 Resp: 163099

Ion Ratio Lower Upper

164 100

162 93.4 76.9 115.3

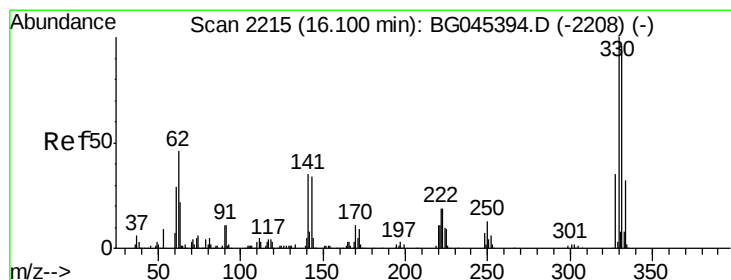
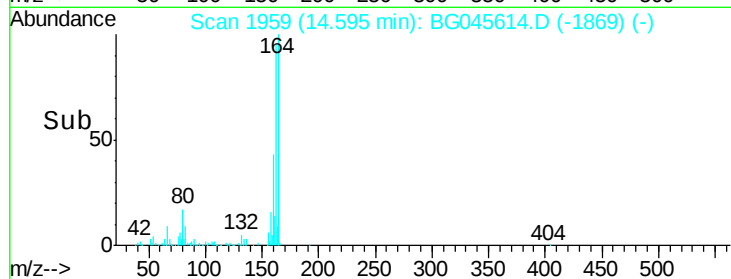
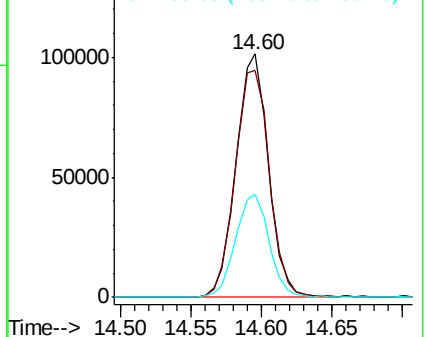
160 42.3 33.8 50.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 157.078 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.01 min

Lab File: BG045614.D

Acq: 5 Jun 2020 13:16

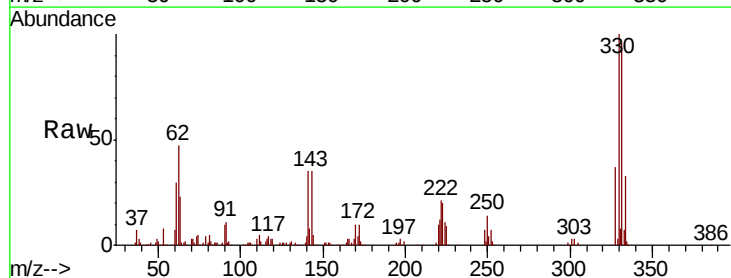
Tgt Ion:330 Resp: 327642

Ion Ratio Lower Upper

330 100

332 98.5 78.2 117.4

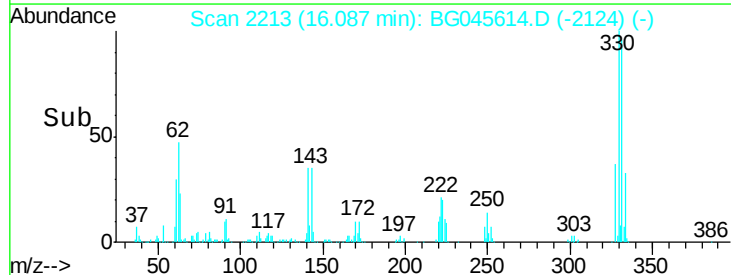
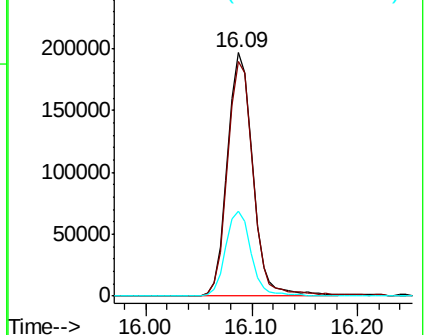
141 35.4 28.2 42.4

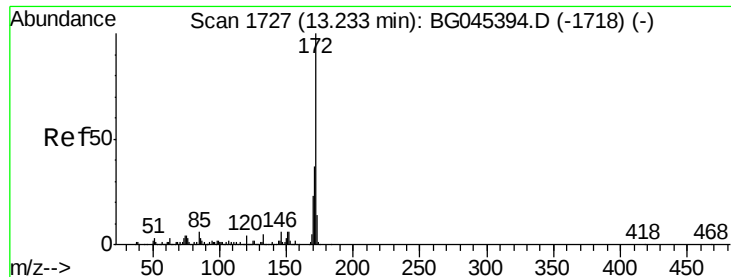


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

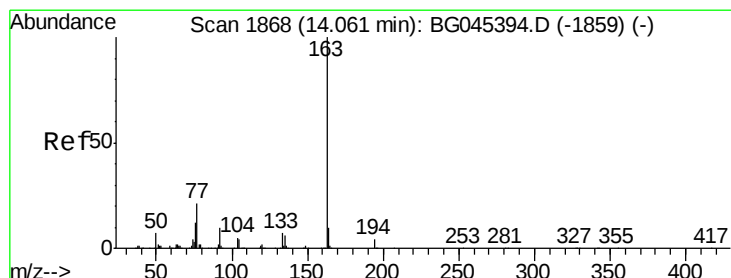
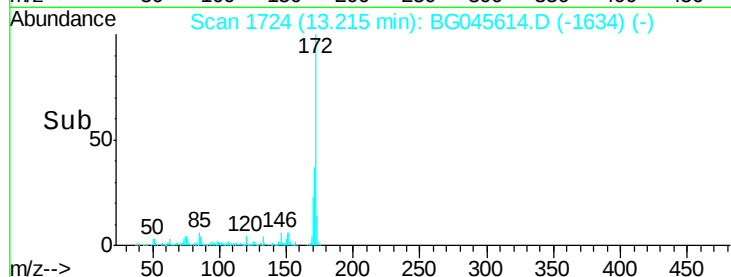
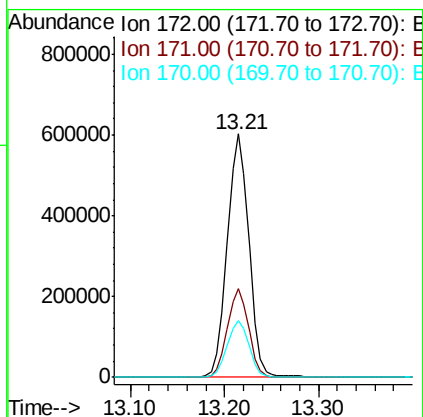
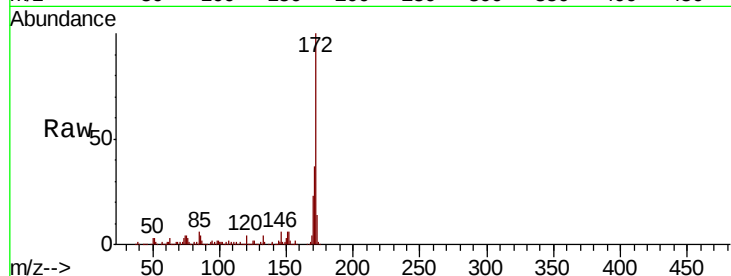




#45
2-Fluorobiphenyl
Concen: 100.350 ng
RT: 13.21 min Scan# 1724
Delta R.T. -0.00 min
Lab File: BG045614.D
Acq: 5 Jun 2020 13:16

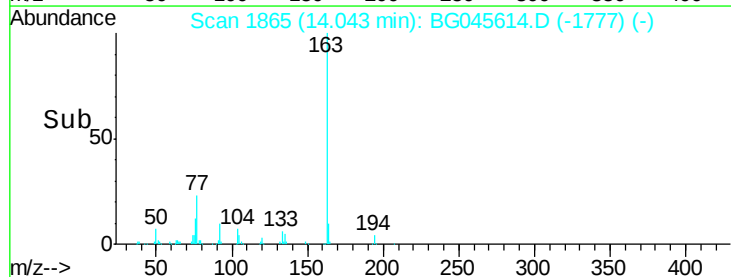
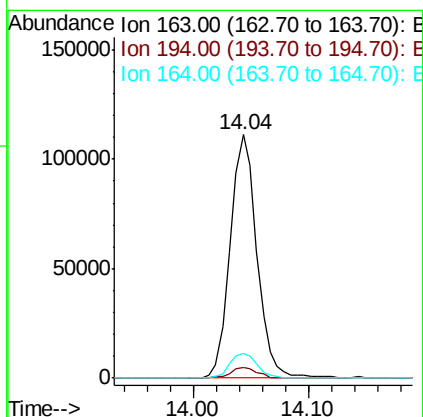
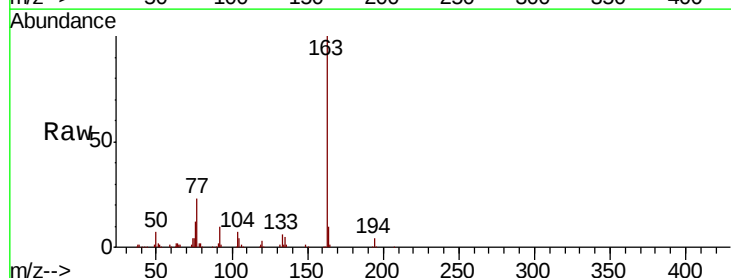
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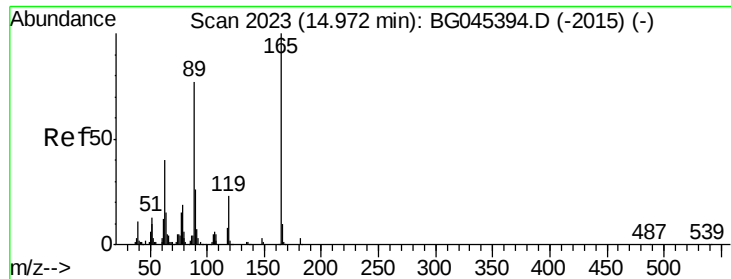
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.5	44.3
170	23.5	18.5	27.7



#50
Dimethylphthalate
Concen: 15.915 ng
RT: 14.04 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BG045614.D
Acq: 5 Jun 2020 13:16

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.2	4.8
164	10.0	8.3	12.5

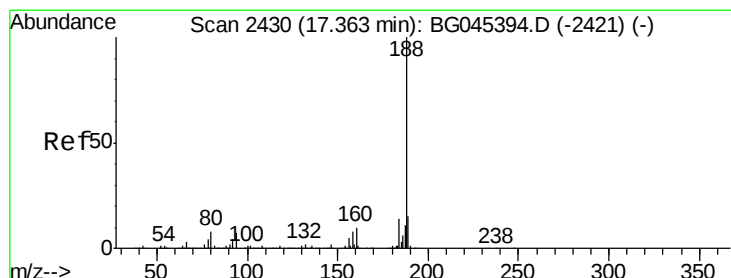
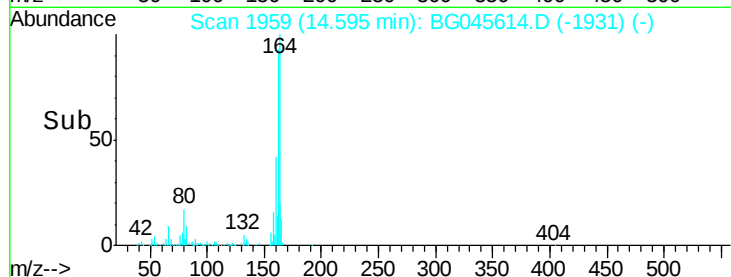
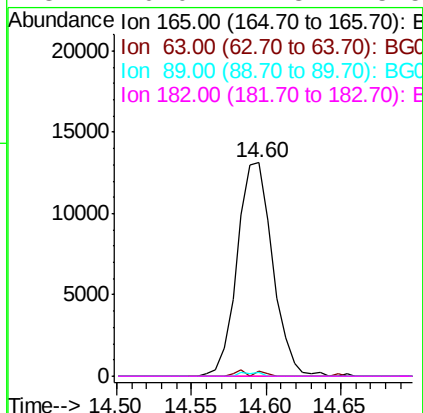
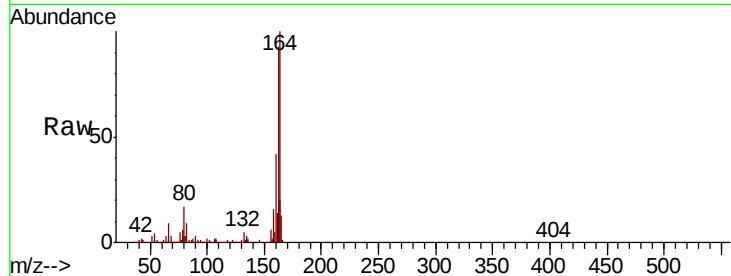




#57
 2,4-Dinitrotoluene
 Concen: 5.897 ng
 RT: 14.60 min Scan# 1959
 Delta R.T. -0.36 min
 Lab File: BG045614.D
 Acq: 5 Jun 2020 13:16

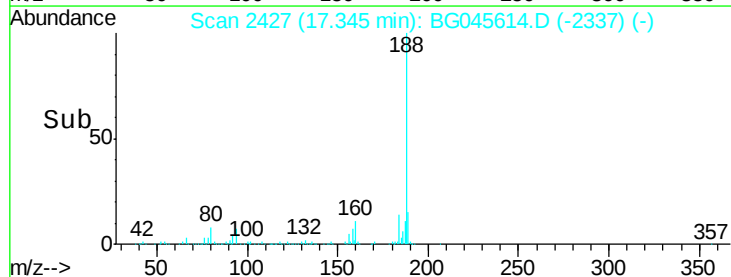
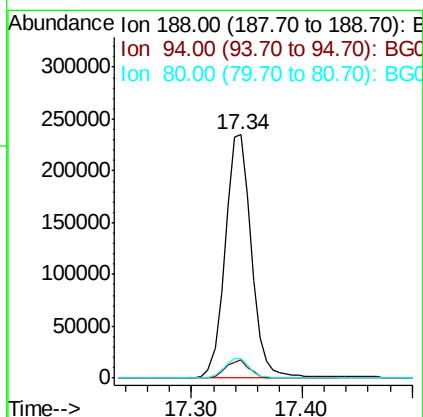
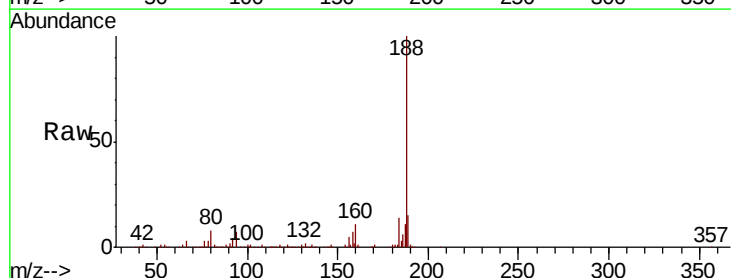
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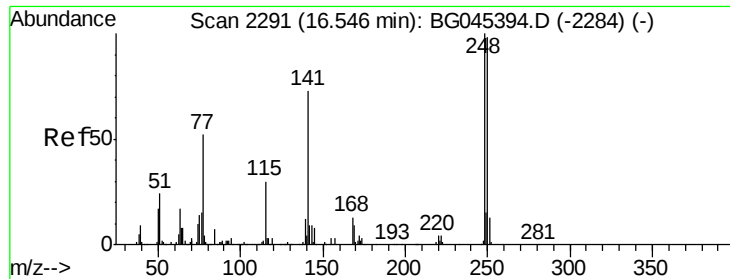
Tot Ion:165 Resp: 21562
 Ion Ratio Lower Upper
 165 100
 63 2.2 32.5 48.7#
 89 1.6 61.8 92.6#
 182 0.0 2.3 3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.34 min Scan# 2427
 Delta R.T. -0.00 min
 Lab File: BG045614.D
 Acq: 5 Jun 2020 13:16

Tgt Ion:188 Resp: 391943
 Ion Ratio Lower Upper
 188 100
 94 7.3 5.5 8.3
 80 8.2 6.6 10.0

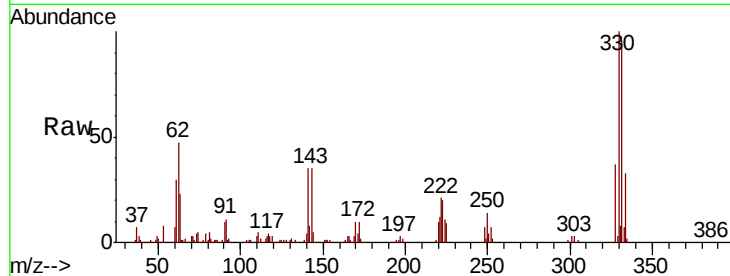




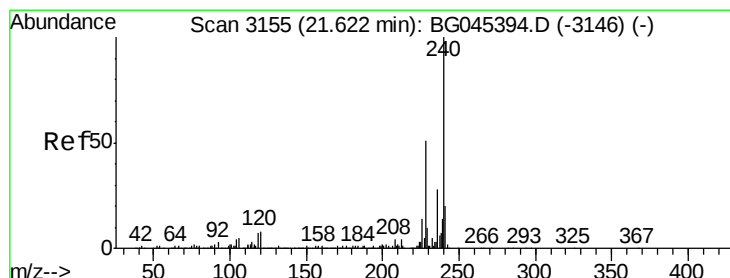
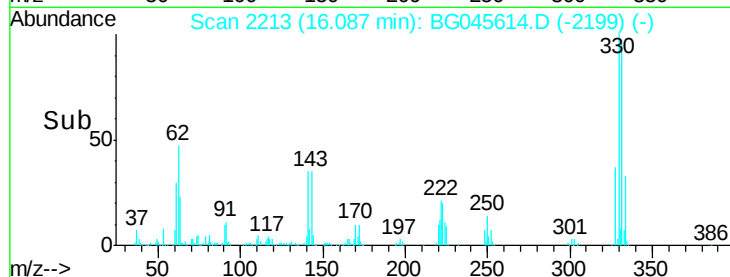
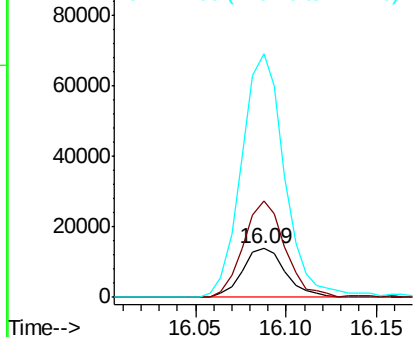
#67
 4-Bromophenyl-phenylether
 Concen: 5.368 ng
 RT: 16.09 min Scan# 2213
 Delta R.T. -0.45 min
 Lab File: BG045614.D
 Acq: 5 Jun 2020 13:16

Instrument :
 BNA_G
 ClientSampleId :
 NM-EB-05RE

Tot Ion:248 Resp: 22781
 Ion Ratio Lower Upper
 248 100
 250 196.7 78.6 117.8#
 141 498.3 58.2 87.2#

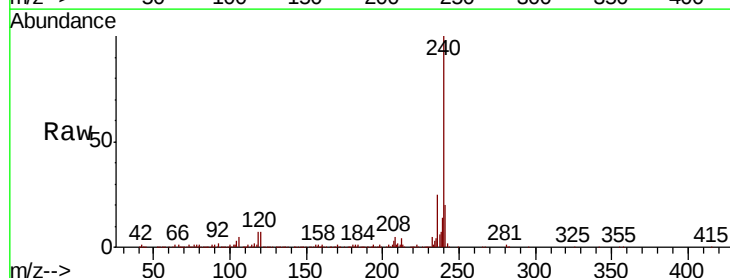


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

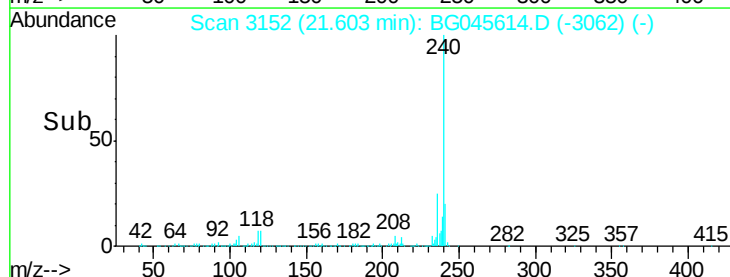
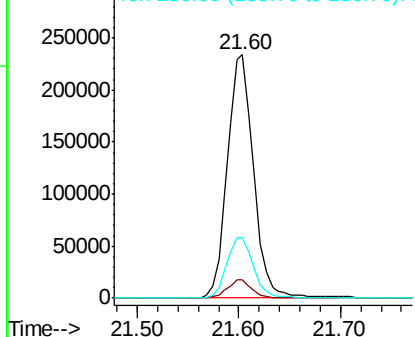


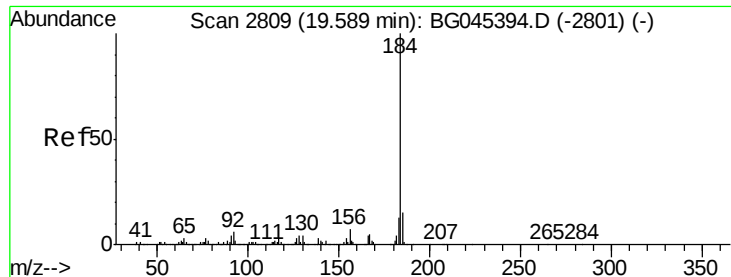
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.60 min Scan# 3152
 Delta R.T. -0.00 min
 Lab File: BG045614.D
 Acq: 5 Jun 2020 13:16

Tgt Ion:240 Resp: 417867
 Ion Ratio Lower Upper
 240 100
 120 7.3 6.1 9.1
 236 24.9 22.3 33.5



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 3.331 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.38 min

Lab File: BG045614.D

Acq: 5 Jun 2020 13:16

Instrument :

BNA_G

ClientSampleId :

NM-EB-05RE

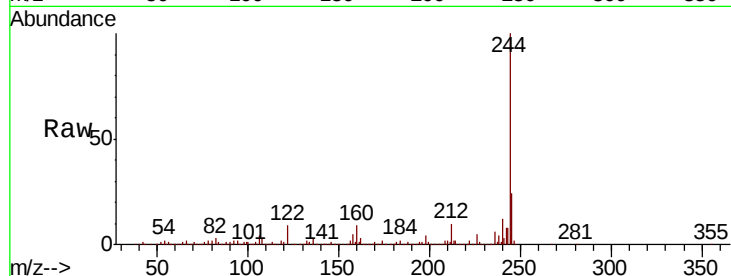
Tot Ion:184 Resp: 39090

Ion Ratio Lower Upper

184 100

185 17.7 11.7 17.5#

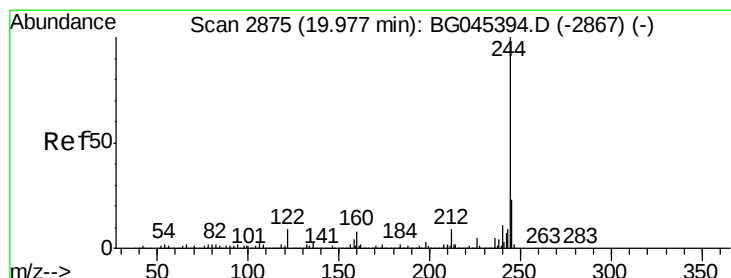
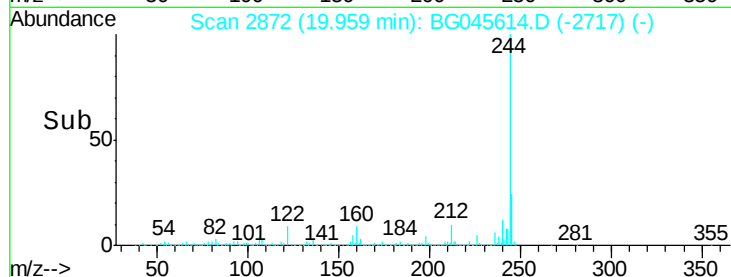
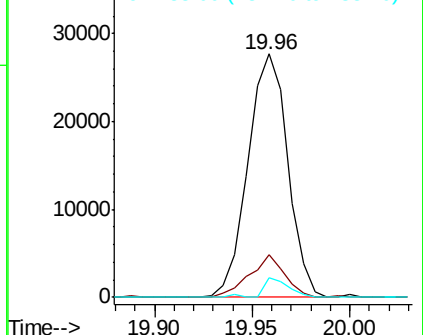
183 8.0 10.2 15.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 109.327 ng

RT: 19.96 min Scan# 2872

Delta R.T. -0.00 min

Lab File: BG045614.D

Acq: 5 Jun 2020 13:16

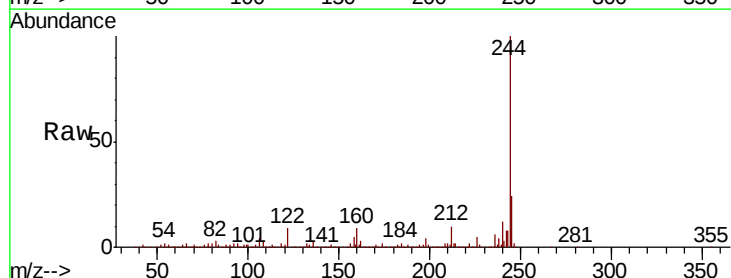
Tgt Ion:244 Resp: 1958759

Ion Ratio Lower Upper

244 100

212 9.7 7.4 11.0

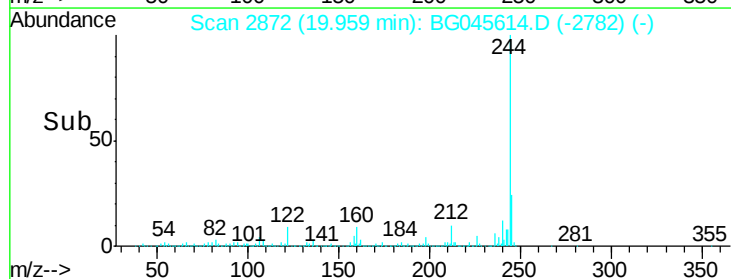
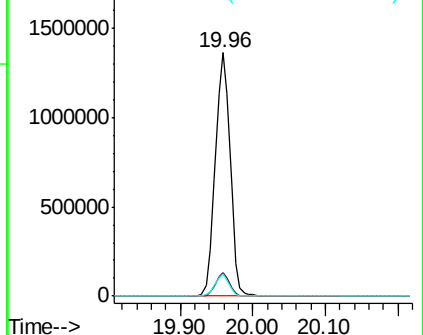
122 9.1 6.8 10.2

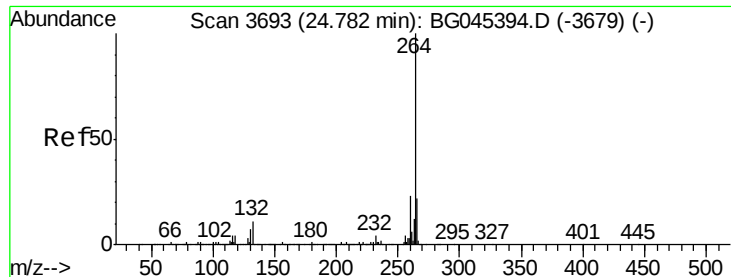


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

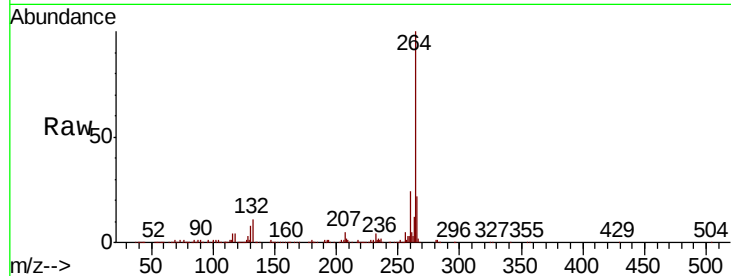




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.75 min Scan# 3687
 Delta R.T. -0.01 min
 Lab File: BG045614.D
 Acq: 5 Jun 2020 13:16

Instrument :
 BNA_G
 ClientSampleId :
 NM-EB-05RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.4
265	21.7	17.6	26.4



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

